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LABOUR FORCE, SOUTH AUSTRALIA, AUGUST 1983

INQUIRIES

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MAIN FEATURES

- The estimated labour force participation rate fell from 59.4 per cent in August 1982 to 58.8 per cent in August 1983, the lowest rate recorded since August 1966. The participation rate for persons aged 15-19 years decreased from 63.7 per cent to 58.5 per cent.
- Estimated total employment decreased by 11,100 from 549,200 in August 1982 to 538,100 in August 1983. Persons employed full-time decreased by 10,800 of whom 5,300 were persons aged 15-19 years.
- Although the estimated number of unemployed persons decreased from 68,900 (11.1 per cent) in February 1983 to 64,100 (10.6 per cent) in August 1983, the number has increased by 13,700 persons since August 1982.
- In August 1983, the average duration of unemployment was 51.8 weeks, the highest ever recorded.

EXPLANATORY NOTES

INTRODUCTION

This bulletin contains estimates of the civilian labour force derived from the labour force survey part of the population survey, which is now conducted monthly. Until February 1978, surveys were conducted in February, May, August and November each year.

- 2. Although emphasis in the labour force survey is placed on the regular collection of data on demographic and labour force characteristics of the population, supplementary and special surveys of particular aspects of the labour force or of other subjects are carried out from time to time. Statistics from these surveys are published and are available on request. A list of publications on labour force and related topics is given in The Labour Force, Australia (6203.0).

THE POPULATION SURVEY

- 3. The population survey is based on a multi-stage area sample of private dwellings (about 5,000 houses, flats, etc.) and non-private dwellings (hotels, motels, etc.), and covers about one per cent of the population of South Australia. The information is obtained from the occupants of selected dwellings by carefully chosen and specially trained interviewers. The interviews are generally conducted during the two weeks beginning on the Monday between the 6th and 12th of each month. The information obtained relates to the week before the interview (i.e. the survey week).

Because of operational problems arising from the Christmas and New Year holidays the December 1978 and 1979 surveys commenced a week earlier than usual (with most interviews being conducted during the second week) and the January 1979 and 1980 surveys commenced a week later than usual.

SCOPE AND COVERAGE

- 4. The labour force survey includes all persons aged 15 and over except:
 - (a) members of the permanent defence forces;
 - (b) certain diplomatic personnel of overseas governments, customarily excluded from census and estimated populations;
 - (c) overseas visitors holidaying in Australia; and
 - (d) members of non-Australian defence forces (and their dependants) stationed in Australia.

DEFINITIONS

- 5. The labour force category to which a person is assigned depends on his actual activity (i.e. whether working, looking for work, etc.) during the survey week. The following definitions, which conform closely to the international standard definitions specified by the International Labour Organisation (ILO), relate only to those persons within the scope of the survey.

- 6. Employed persons comprise all those aged 15 and over who, during the survey week:

- (a) worked for one hour or more for pay, profit, commission or payment in kind in a job or business, or on a farm (including employees, employers and self-employed persons); or
- (b) worked for 15 hours or more without pay in a family business or on a farm (i.e. unpaid family helpers); or
- (c) were employees who had a job but were not at work and were: on paid leave; on leave without pay for less than four weeks up to the end of the survey week; stood down without pay because of bad weather or plant breakdown at their place of employment for less than four weeks up to the end of the survey week; on strike or locked out; on workers' compensation and expected to be returning to their job; or receiving wages or salary while undertaking full-time study; or

- (d) were employers or self-employed persons who had a job, business or farm, but were not at work.

7. Unemployed persons are those aged 15 and over who were not employed during the survey week, and

- (a) had actively looked for full-time or part-time work at any time in the four weeks up to the end of the survey week and:

- (i) were available for work in the survey week, or would have been available except for temporary illness (i.e. lasting for less than four weeks to the end of the survey week); or

- (ii) were waiting to start a new job within four weeks from the end of the survey week and would have started in the survey week if the job had been available then;

or (b) were waiting to be called back to a full-time or part-time job from which they had been stood down without pay for less than four weeks up to the end of the survey week (including the whole of the survey week) for reasons other than bad weather or plant breakdown.

8. Actively looking for work includes writing, telephoning or applying in person to an employer for work; answering a newspaper advertisement for a job; checking factory or Commonwealth Employment Service noticeboards; being registered with the Commonwealth Employment Service; checking or registering with any other employment agency, advertising or tendering for work; and contacting friends or relatives. In November 1981 a number of minor amendments were made to the labour force survey questionnaire. (For details see the Information Paper: Questionnaires used in the Labour Force Survey, December 1981 (6232.0). The amendments included a re-ordering and some re-wording of the categories of steps taken to find work.

9. The unemployment rate for any group is the number unemployed expressed as a percentage of the labour force (i.e. employed plus unemployed) in the same group.

10. Duration of unemployment is the period from the time the person began looking for work or was laid off to the end of the survey week. Periods of unemployment are recorded in complete weeks and this results in a slight understatement of duration. Average (mean) duration is the duration obtained by dividing the aggregate number of weeks

a group has been unemployed by the number of persons in that group.

11. The labour force comprises all persons who, during the survey week, were employed or unemployed, as defined in paragraphs 6 and 7.

12. The labour force participation rate for any group is the labour force expressed as a percentage of the civilian population aged 15 and over in the same group. Because it is not practicable to ascertain the birthplace of persons in institutions (who are classified as not in the labour force), labour force participation rates for persons classified by birthplace are calculated by using population estimates which exclude those in institutions.

13. Full-time workers are those who usually work 35 hours or more a week and others who, although usually part-time workers, worked 35 hours or more during the survey week. Part-time workers are those who usually work less than 35 hours a week and who did so during the survey week. When recording hours of work, fractions of an hour are disregarded.

14. Hours of work. The figures of aggregate hours and of average hours refer to actual hours worked during the survey week, not hours paid for. The figures may be affected by public holidays, leave, absenteeism; temporary absence from work due to sickness, injury, accident and industrial disputes; and stoppages of work due to bad weather, plant breakdown, etc. When hours of work are recorded, fractions of an hour are disregarded and this results in slightly lower figures than would be the case if actual time worked was recorded. Persons stood down for the whole of the survey week without pay because of bad weather or plant breakdown at their place of employment are regarded as employed and therefore are included (working no hours) in the calculation of average hours worked. Persons stood down in the survey week for reasons other than bad weather and plant breakdown and waiting to be called back to their job are regarded as unemployed and are therefore excluded from the calculation.

15. Persons not in the labour force are those who, during the survey week, were not in the categories employed or unemployed, as defined in paragraphs 6 and 7. They include persons who were keeping house (unpaid), attending an educational institution (school, university, etc.), retired, voluntarily inactive, permanently unable to work, inmates of institutions (hospitals, gaols, sanatoria, etc.), trainee teachers, members of contemplative religious orders, and persons whose only activity during the survey week was jury service or unpaid voluntary work for a charitable organisation.

MARITAL STATUS

16. In the labour force survey, persons are classified as married or not married. The former category includes persons who are separated, while the latter category includes persons who, at the time of the survey, had never married, or were widowed, or divorced. However, the marital status to which a person is assigned depends upon the information given by the respondent, and does not necessarily reflect legal status. Before October 1982, respondents who stated that they were living in a de facto arrangement were asked how they would describe their marital status. From October 1982 such respondents were coded as married. This may have resulted in some discontinuity between September and October 1982 in series classified according to marital status.

CLASSIFICATION OF INDUSTRY AND OCCUPATION

17. Industry is classified according to the Australian Standard Industrial Classification (ASIC) 1978 (1201.0 and 1202.0) and occupation according to the Classification and Classified List of Occupations, Revised June 1981.

POPULATION BENCHMARKS

18. The population survey estimates are calculated in such a way as to conform to the independently estimated distribution of the population aged 15 and over by age and sex. These independent estimates (benchmarks) are necessarily derived from incomplete information about population changes (deaths, internal and overseas migration) and can differ from estimates of the population subsequently published by the ABS. For estimates of the population and other demographic statistics reference should be made to Australian Demographic Statistics Quarterly (3101.0).

REVISION OF SERIES

19. The survey estimates for February 1978 and subsequent months are based on population estimates derived from the 1976 Population Census, adjusted for under-enumeration, and were obtained by using a new sample and revised questionnaire. Estimates from August 1966, revised to the new basis, were published in The Labour Force, Australia, 1978 (6204.0). South Australian estimates from August 1971, revised to the new basis, were published in The Labour Force, February 1979 (6201.4).

COMPARABILITY OF SERIES

20. When comparing labour force estimates for February 1978 and subsequent months with those for earlier periods it should be noted that with the introduction of monthly surveys the interviews are now conducted during a two-week period, whereas

formerly the period was four weeks. The change of timing may affect the level of the figures for any month, but particularly for months during which the employment status of the population may be changing rapidly.

SURVEY SAMPLE

21. The population survey sample was reselected after the 1971 and 1976 Censuses of Population and Housing to allow data from the latest Census to be used to improve the efficiency of the population survey sample design. The reselection following the 1981 Census has been completed, and a new sample in all States and Territories was introduced for the October 1982 survey. While estimates from two different samples may differ purely due to chance, the old (i.e. pre-October) and new samples are based on almost identical methods of stratification and selection, and there is only a small probability that the published October estimates differ significantly from the estimates that would have been produced if the old sample had been retained.

22. For information on sample design and selection see the Technical note in The Labour Force, Australia, 1978 (6204.0).

23. Because of the introduction of the new sample of dwellings in October 1982 (see paragraph 21), there was not the usually high proportion of dwellings common to each of two consecutive surveys and the standard errors of movements between September and October 1982 are therefore higher than normal.

RELIABILITY OF THE ESTIMATES

24. Estimates in this publication are subject to two sources of error:

- (a) sampling error: since the estimates are based on information obtained from occupants of a sample of dwellings they, and the movements derived from them may differ from the figures that would have been produced if all dwellings had been included in the survey. For more information on this topic see the Technical Notes, pages 19-20.
- (b) non-sampling error: inaccuracies may occur because of imperfections in reporting by respondents and interviewers and errors made in the coding and processing of data. These inaccuracies may occur in any enumeration, whether it be a full count or a sample. Every effort is made to reduce the non-sampling error to a minimum by careful design of questionnaires, intensive training and supervision of inter-

viewers and efficient operating procedures.

DIFFERENCES BETWEEN POPULATION CENSUS AND POPULATION SURVEY ESTIMATES

25. The results of the 1981 Census of Population and Housing show that labour force figures derived from the census differ from estimates derived from the population surveys of May and August 1981.

26. The labour force definition used in the census is similar to that used in the survey (see paragraphs 5 to 14). However, evidence from census post-enumeration surveys indicates that the personal interview approach, as used in the population survey, tends to identify a larger number of persons as being in the labour force than does the filling in of the questions on the census schedule by the householder. In addition, the post-enumeration survey following the 1981 Population Census showed an under-enumeration of the population of 1.7 per cent for South Australia. It has not been possible to adjust the published census labour force figures for any under-enumeration.

RELATED PUBLICATIONS

27. Other ABS publications which may be of interest include:

Unemployment, Australia (Preliminary Estimates)
(6201.0) - final issue December 1982

The Labour Force, Australia (Preliminary Estimates) (6202.0) - issued monthly

The Labour Force, Australia (6203.0) - issued monthly

The Labour Force, Australia, 1981 (6204.0)

Information Paper: Questionnaires used in the Labour Force Survey, December 1981 (6232.0)

Information Paper: Review of ABS Employment Statistics (6239.0)

28. Current publications produced by the ABS are listed in the Catalogue of Publications, Australia (1101.0). The ABS also issues, on Tuesdays and Fridays, a Publications Advice (1105.0) which lists publications to be released in the next few days. The Catalogue and Publications Advice are available from any ABS office.

SYMBOLS AND OTHER USAGES

n.e.c. not elsewhere classified

* subject to sampling variability too high for most practical uses. See paragraph 4 of the Technical Notes, page 20.

29. Figures have been rounded and discrepancies may occur between sums of the component items and totals.

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Deputy Commonwealth Statistician
and Government Statist

TABLE 1 - LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 YEARS AND OVER
SOUTH AUSTRALIA

SOUTH AUSTRALIA

Month	Employed '000	Unemployed			Labour force '000	Not in labour force '000	Civilian population aged 15 years & over '000	Unemployment rate (a) per cent	Participation rate (b) per cent
		Looking for		Total '000					
		Full-time work '000	Part-time work '000						
MALES									
1982 -									
July	348.1	24.7	*	26.7	374.8	123.1	497.9	7.1	75.3
Aug.	344.7	27.1	*	28.8	373.6	124.9	498.5	7.7	74.9
Sept.	349.3	28.9	*	30.3	379.6	119.4	498.9	8.0	76.1
Oct.	354.5	28.0	*	30.5	385.0	114.7	499.7	7.9	77.0
Nov.	350.5	31.6	*	33.4	384.0	116.5	500.5	8.7	76.7
Dec.	352.2	35.9	2.5	38.5	390.7	110.5	501.2	9.8	78.0
1983 -									
Jan.	342.6	39.0	*	40.7	383.3	118.5	501.8	10.6	76.4
Feb.	346.4	39.2	2.9	42.0	388.4	114.1	502.5	10.8	77.3
Mar.	345.5	39.8	*	41.5	387.0	116.2	503.2	10.7	76.9
Apr.	343.0	37.8	*	40.1	383.1	120.3	503.4	10.5	76.1
May	343.1	40.0	*	41.9	385.0	118.8	503.8	10.9	76.4
June	341.8	41.1	*	42.9	384.7	119.5	504.2	11.2	76.3
July	338.7	39.1	*	41.5	380.2	124.4	504.6	10.9	75.3
Aug.	337.6	39.0	*	41.2	378.8	126.1	505.0	10.9	75.0
MARRIED FEMALES									
1982 -									
July	128.6	3.9	3.2	7.0	135.6	187.4	323.0	5.2	42.0
Aug.	126.9	4.3	3.9	8.2	135.1	188.0	323.0	6.1	41.8
Sept.	127.9	4.0	*	6.4	134.3	190.7	325.0	4.7	41.3
Oct. (c)	137.4	4.8	4.1	8.9	146.3	184.3	330.6	6.1	44.2
Nov.	136.6	4.4	3.9	8.3	145.0	186.5	331.5	5.8	43.7
Dec.	133.7	5.0	4.2	9.2	142.9	188.2	331.0	6.4	43.2
1983 -									
Jan.	118.9	5.5	*	7.9	126.8	202.3	329.1	6.2	38.5
Feb.	127.7	5.8	4.0	9.8	137.5	192.6	330.1	7.1	41.6
Mar.	133.7	5.5	5.0	10.5	144.2	188.6	332.8	7.3	43.3
Apr.	125.4	5.7	4.2	9.9	135.3	197.6	332.9	7.3	40.7
May	127.1	5.4	4.1	9.5	136.7	198.2	334.9	7.0	40.8
June	125.0	5.2	4.1	9.3	134.3	199.7	334.0	7.0	40.2
July	125.7	5.4	3.7	9.1	134.8	200.0	334.7	6.7	40.3
Aug.	127.7	6.4	2.6	9.0	136.7	199.6	336.3	6.6	40.7

(a) The unemployment rate for any group is the number unemployed expressed as a percentage of the labour force (i.e. employed plus unemployed) in the same group.

(b) The labour force participation rate for any group is the civilian labour force expressed as a percentage of the civilian population aged 15 years and over in the same group.

(c) See Explanatory Notes paragraph 16.

TABLE 1 - LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 YEARS AND OVER
SOUTH AUSTRALIA (continued)

COMMONWEALTH OF AUSTRALIA (continued)

Month	Employed '000	Unemployed			Labour force '000	Not in labour force '000	Civilian population aged 15 years & over '000	Unemployment rate (a) per cent	Participation rate (b) per cent
		Looking for		Total '000					
		Full-time work '000	Part-time work '000						
ALL FEMALES									
1982 -									
July	205.4	15.1	4.1	19.2	224.6	285.4	510.0	8.6	44.0
Aug.	204.4	15.7	5.9	21.6	226.0	284.8	510.8	9.5	44.2
Sept.	204.7	17.0	4.4	21.4	226.2	285.4	511.5	9.5	44.2
Oct.	210.3	15.9	5.7	21.6	231.9	280.4	512.3	9.3	45.3
Nov.	209.9	15.1	5.2	20.3	230.2	282.8	513.0	8.8	44.9
Dec.	206.9	18.6	6.1	24.7	231.6	282.1	513.8	10.7	45.1
1983 -									
Jan.	191.8	20.8	4.7	25.5	217.3	297.2	514.5	11.7	42.2
Feb.	203.7	20.4	6.5	26.9	230.6	284.6	515.2	11.7	44.8
Mar.	206.5	19.5	7.4	26.9	233.4	282.5	515.9	11.5	45.2
Apr.	198.6	18.7	6.1	24.8	223.4	292.9	516.3	11.1	43.3
May	200.6	19.6	6.6	26.3	226.9	289.9	516.8	11.6	43.9
June	197.6	17.8	6.5	24.3	221.9	295.4	517.3	10.9	42.9
July	198.3	18.2	5.2	23.4	221.7	296.1	517.8	10.6	42.8
Aug.	200.4	18.6	4.2	22.9	223.3	295.0	518.3	10.2	43.1
PERSONS									
1982 -									
July	553.6	39.8	6.1	45.9	599.4	408.5	1,007.9	7.7	59.5
Aug.	549.2	42.8	7.6	50.4	599.6	409.7	1,009.2	8.4	59.4
Sept.	554.0	45.9	5.8	51.7	605.7	404.7	1,010.4	8.5	59.9
Oct.	564.9	43.9	8.2	52.0	616.9	395.1	1,012.0	8.4	61.0
Nov.	560.5	46.7	7.1	53.7	614.2	399.3	1,013.5	8.7	60.6
Dec.	559.1	54.5	8.7	63.2	622.3	392.6	1,014.9	10.2	61.3
1983 -									
Jan.	534.4	59.7	6.5	66.2	600.7	415.7	1,016.3	11.0	59.1
Feb.	550.1	59.5	9.4	68.9	619.1	398.6	1,017.7	11.1	60.8
Mar.	551.9	59.3	9.0	68.4	620.3	398.7	1,019.1	11.0	60.9
Apr.	541.6	56.5	8.4	64.9	606.5	413.2	1,019.7	10.7	59.5
May	543.7	59.7	8.5	68.2	611.9	408.7	1,020.6	11.1	60.0
June	539.4	58.9	8.3	67.2	606.5	414.9	1,021.5	11.1	59.4
July	537.0	57.3	7.6	64.9	601.9	420.5	1,022.4	10.8	58.9
Aug.	538.1	57.6	6.5	64.1	602.1	421.2	1,023.3	10.6	58.8

(a) The unemployment rate for any group is the number unemployed expressed as a percentage of the labour force (i.e. employed plus unemployed) in the same group.

(b) The labour force participation rate for any group is the civilian labour force expressed as a percentage of the civilian population aged 15 years and over in the same group.

TABLE 2 - LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 YEARS AND OVER
ADELAIDE STATISTICAL DIVISION

Month	Employed '000	Unemployed '000	Labour force '000	Not in labour force '000	Civilian population aged 15 years & over '000	Unemployment rate (a) per cent	Participation rate (b) per cent
MALES							
1982 -							
July	244.0	21.1	265.2	91.7	356.8	8.0	74.3
Aug.	241.7	22.8	264.6	92.7	357.2	8.6	74.1
Sept.	244.7	23.7	268.4	89.1	357.5	8.8	75.1
Oct.	247.2	24.2	271.5	86.6	358.1	8.9	75.8
Nov.	243.4	26.0	269.4	89.2	358.7	9.7	75.1
Dec.	243.7	31.1	274.8	84.4	359.2	11.3	76.5
1983 -							
Jan.	237.5	31.4	269.0	90.7	359.6	11.7	74.8
Feb.	241.2	32.5	273.7	86.4	360.1	11.9	76.0
Mar.	240.8	32.6	273.4	87.2	360.6	11.9	75.8
Apr.	238.1	30.7	268.8	91.9	360.7	11.4	74.5
May	237.5	33.0	270.5	90.5	361.0	12.2	74.9
June	237.0	34.2	271.2	90.1	361.3	12.6	75.1
July	235.9	31.2	267.0	94.5	361.6	11.7	73.9
Aug.	236.3	31.1	267.4	94.5	361.8	11.6	73.9
MARRIED FEMALES							
1982 -							
July	90.6	5.8	96.4	133.2	229.6	6.0	42.0
Aug.	90.0	5.9	96.0	134.7	230.7	6.2	41.6
Sept.	91.2	4.5	95.7	136.2	231.9	4.7	41.3
Oct. (c)	100.3	6.5	106.8	129.8	236.6	6.1	45.1
Nov.	99.4	6.3	105.7	132.4	238.1	5.9	44.4
Dec.	97.6	7.0	104.5	133.8	238.4	6.7	43.9
1983 -							
Jan.	88.0	5.7	93.7	144.9	238.6	6.1	39.3
Feb.	91.3	7.0	98.2	140.2	238.4	7.1	41.2
Mar.	96.5	8.0	104.5	137.0	241.5	7.6	43.3
Apr.	90.1	7.5	97.7	142.0	239.7	7.7	40.7
May	92.4	7.2	99.6	141.5	241.1	7.3	41.3
June	91.7	6.8	98.5	141.7	240.1	6.9	41.0
July	90.9	6.9	97.8	142.6	240.4	7.0	40.7
Aug.	92.5	7.2	99.7	141.5	241.2	7.2	41.3

(a) The unemployment rate for any group is the number unemployed expressed as a percentage of the labour force (i.e. employed plus unemployed) in the same group.

(b) The labour force participation rate for any group is the civilian labour force expressed as a percentage of the civilian population aged 15 years and over in the same group.

(c) See Explanatory Notes paragraph 16.

TABLE 2 - LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 YEARS AND OVER
ADELAIDE STATISTICAL DIVISION (continued)

Month	Employed '000	Unemployed '000	Labour force '000	Not in labour force '000	Civilian population aged 15 years & over '000	Unemployment rate (a) per cent	Participation rate (b) per cent
ALL FEMALES							
1982 -							
July	152.4	15.6	168.1	209.8	377.9	9.3	44.5
Aug.	152.3	16.4	168.7	209.8	378.5	9.7	44.6
Sept.	152.2	16.0	168.2	210.8	379.0	9.5	44.4
Oct.	159.4	16.6	176.0	203.6	379.6	9.4	46.4
Nov.	158.3	16.1	174.4	205.7	380.1	9.2	45.9
Dec.	156.1	18.9	175.0	205.7	380.6	10.8	46.0
1983 -							
Jan.	144.0	20.4	164.4	216.8	381.2	12.4	43.1
Feb.	149.1	20.7	169.9	211.8	381.7	12.2	44.5
Mar.	152.8	21.0	173.7	208.5	382.2	12.1	45.5
Apr.	147.6	19.3	166.9	215.6	382.5	11.5	43.6
May	149.8	20.0	169.8	213.1	382.8	11.8	44.4
June	147.6	18.6	166.2	217.0	383.2	11.2	43.4
July	147.3	18.2	165.4	218.1	383.6	11.0	43.1
Aug.	148.8	18.7	167.5	216.4	384.0	11.2	43.6
PERSONS							
1982 -							
July	396.5	36.8	433.2	301.5	734.7	8.5	59.0
Aug.	394.0	39.2	433.2	302.5	735.7	9.0	58.9
Sept.	396.9	39.7	436.6	299.9	736.5	9.1	59.3
Oct.	406.6	40.9	447.5	290.2	737.7	9.1	60.7
Nov.	401.8	42.1	443.9	295.0	738.8	9.5	60.1
Dec.	399.8	50.0	449.8	290.1	739.8	11.1	60.8
1983 -							
Jan.	381.5	51.8	433.4	307.4	740.8	12.0	58.5
Feb.	390.3	53.3	443.6	298.2	741.8	12.0	59.8
Mar.	393.5	53.6	447.1	295.7	742.8	12.0	60.2
Apr.	385.7	50.0	435.7	307.5	743.2	11.5	58.6
May	387.3	53.0	440.3	303.5	743.8	12.0	59.2
June	384.6	52.8	437.4	307.1	744.5	12.1	58.8
July	383.1	49.3	432.5	312.7	745.2	11.4	58.0
Aug.	385.1	49.8	434.9	310.9	745.8	11.5	58.3

- (a) The unemployment rate for any group is the number unemployed expressed as a percentage of the labour force (i.e. employed plus unemployed) in the same group.
- (b) The labour force participation rate for any group is the civilian labour force expressed as a percentage of the civilian population aged 15 years and over in the same group.

TABLE 3 - CIVILIAN LABOUR FORCE AND PARTICIPATION RATES : AGE GROUP, SOUTH AUSTRALIA

Month	Labour force (age group)					Participation rate (age group)				
	15-19	20-24	25-34	35 & over	Total	15-19	20-24	25-34	35 & over	Total
	'000	'000	'000	'000	'000	per cent	per cent	per cent	per cent	per cent
MALES										
1982 -										
July	38.8	53.4	100.1	182.4	374.8	67.1	89.9	95.0	66.3	75.3
Aug.	37.2	53.0	99.9	183.4	373.6	64.5	89.2	94.7	66.5	74.9
Sept.	38.3	54.5	101.4	185.4	379.6	66.5	91.6	96.0	67.1	76.1
Oct.	35.5	55.3	101.6	192.7	385.0	61.6	92.8	96.0	69.6	77.0
Nov.	35.0	55.0	102.3	191.7	384.0	60.8	92.2	96.5	69.1	76.7
Dec.	39.4	55.7	103.3	192.2	390.7	68.6	93.3	97.4	69.2	78.0
1983 -										
Jan.	38.4	55.8	101.7	187.5	383.3	66.8	93.3	95.7	67.4	76.4
Feb.	38.8	55.9	103.2	190.5	388.4	67.7	93.4	97.0	68.3	77.3
Mar.	35.3	55.7	103.0	193.0	387.0	61.6	92.9	96.6	69.1	76.9
Apr.	36.6	54.8	102.0	189.7	383.1	64.1	91.5	95.6	67.8	76.1
May	35.9	55.8	102.1	191.3	385.0	62.9	93.3	95.6	68.3	76.4
June	34.5	54.8	102.3	193.1	384.7	60.6	91.7	95.7	68.8	76.3
July	33.3	53.8	102.5	190.6	380.2	58.6	90.1	95.7	67.8	75.3
Aug.	33.0	52.9	102.1	190.8	378.8	58.3	88.7	95.3	67.8	75.0
FEMALES										
1982 -										
July	35.0	38.8	54.8	96.1	224.6	63.9	67.8	52.5	32.7	44.0
Aug.	34.4	39.7	54.7	97.2	226.0	62.9	69.2	52.4	33.0	44.2
Sept.	35.3	39.2	54.5	97.1	226.2	64.7	68.3	52.1	32.9	44.2
Oct.	33.6	40.2	56.6	101.4	231.9	61.7	70.0	54.1	34.3	45.3
Nov.	34.2	40.8	55.5	99.7	230.2	62.8	70.9	52.9	33.7	44.9
Dec.	37.9	41.3	55.7	96.7	231.6	69.7	71.7	53.0	32.6	45.1
1983 -										
Jan.	38.9	41.2	50.7	86.5	217.3	71.6	71.5	48.1	29.1	42.2
Feb.	37.1	43.3	55.3	94.9	230.6	68.3	74.9	52.5	31.9	44.8
Mar.	35.5	41.6	59.0	97.2	233.4	65.4	72.0	56.0	32.6	45.2
Apr.	34.6	40.9	56.0	92.0	223.4	63.8	70.7	53.0	30.8	43.3
May	34.9	42.1	57.2	92.6	226.9	64.5	73.0	54.2	30.9	43.9
June	32.6	41.1	56.6	91.6	221.9	60.2	71.3	53.5	30.5	42.9
July	32.0	40.0	56.7	93.1	221.7	59.3	69.4	53.5	31.0	42.8
Aug.	31.7	40.2	57.4	93.9	223.3	58.7	69.9	54.2	31.2	43.1
PERSONS										
1982 -										
July	73.8	92.2	154.9	278.5	599.4	65.6	79.1	73.9	48.9	59.5
Aug.	71.6	92.7	154.6	280.6	599.6	63.7	79.4	73.6	49.2	59.4
Sept.	73.6	93.7	155.9	282.5	605.7	65.6	80.2	74.2	49.5	59.9
Oct.	69.1	95.5	158.2	294.1	616.9	61.6	81.6	75.1	51.4	61.0
Nov.	69.2	95.8	157.7	291.4	614.2	61.8	81.7	74.8	50.8	60.6
Dec.	77.4	97.0	159.0	288.9	622.3	69.2	82.7	75.3	50.3	61.3
1983 -										
Jan.	77.3	97.0	152.4	274.0	600.7	69.2	82.6	72.0	47.6	59.1
Feb.	75.9	99.2	158.6	285.4	619.1	68.0	84.4	74.9	49.5	60.8
Mar.	70.8	97.3	162.0	290.3	620.3	63.5	82.6	76.4	50.2	60.9
Apr.	71.2	95.6	157.9	281.7	606.5	64.0	81.3	74.4	48.7	59.5
May	70.8	97.9	159.4	283.9	611.9	63.7	83.3	75.0	49.0	60.0
June	67.0	95.9	158.9	284.6	606.5	60.4	81.7	74.7	49.0	59.4
July	65.3	93.8	159.1	283.7	601.9	58.9	79.9	74.8	48.8	58.9
Aug.	64.7	93.2	159.6	284.7	602.1	58.5	79.4	74.9	48.9	58.8

TABLE 4 - EMPLOYED PERSONS : STATUS OF WORKER, SOUTH AUSTRALIA
('000)

Month	Wage and salary earners			Employers and self-employed			Total (a)		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
1982 -									
May	285.7	182.4	468.1	64.1	26.0	90.1	350.9	209.8	560.7
Aug.	279.4	174.1	453.5	64.8	29.2	94.0	344.7	204.4	549.2
Nov.	284.5	180.1	464.6	65.2	28.3	93.5	350.5	209.9	560.5
1983 -									
Feb.	281.4	172.9	454.3	63.9	29.2	93.1	346.4	203.7	550.1
May	277.7	171.3	449.0	64.0	28.3	92.4	343.1	200.6	543.7
Aug.	274.9	173.6	448.5	61.7	24.9	86.6	337.6	200.4	538.1

(a) Includes unpaid family helpers who worked 15 hours or more in the survey week.

TABLE 5 - EMPLOYED PERSONS : FULL-TIME AND PART-TIME STATUS, MARITAL STATUS, SOUTH AUSTRALIA
('000)

Month	Males		Married females		All females		Persons	
	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time
1982 -								
July	327.6	20.5	65.0	63.6	122.0	83.4	449.7	103.9
Aug.	323.9	20.9	63.2	63.7	121.7	82.7	445.6	103.6
Sept.	329.5	19.8	65.7	62.3	123.9	80.9	453.4	100.7
Oct.	331.2	23.3	(a)65.8	(a)71.6	120.5	89.8	451.8	113.1
Nov.	326.7	23.8	64.6	72.0	118.5	91.4	445.2	115.2
Dec.	329.9	22.3	63.1	70.6	118.0	88.9	447.8	111.3
1983 -								
Jan.	321.3	21.3	60.1	58.8	115.6	76.2	436.9	97.5
Feb.	324.0	22.4	59.9	67.8	119.0	84.7	443.0	107.1
Mar.	323.7	21.8	61.8	72.0	117.7	88.7	441.4	110.5
Apr.	322.3	20.7	57.8	67.7	112.8	85.8	435.2	106.4
May	321.9	21.2	58.4	68.7	115.3	85.3	437.2	106.5
June	321.8	19.9	59.0	66.0	113.7	83.9	435.5	103.8
July	328.7	20.0	60.7	65.0	114.9	83.5	433.6	103.5
Aug.	319.9	17.8	61.3	66.4	114.9	85.5	434.8	103.3

(a) See Explanatory Notes paragraph 16.

TABLE 6 - EMPLOYED PERSONS : FULL-TIME AND PART-TIME STATUS, AGE GROUP, SOUTH AUSTRALIA
(1000)

Month	Full-time			Part-time			Total		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
15-19 YEARS									
1982 -									
July	25.0	17.9	42.9	5.8	9.2	15.1	30.8	27.2	57.9
Aug.	22.7	17.3	40.1	6.1	9.3	15.4	28.9	26.6	55.5
Sept.	23.1	17.0	40.1	6.1	9.0	15.0	29.2	26.0	55.2
Oct.	22.0	17.9	39.9	5.2	9.7	14.9	27.1	27.6	54.8
Nov.	21.8	17.7	39.5	6.0	9.3	15.2	27.7	27.0	54.7
Dec.	23.7	18.9	42.6	4.8	9.8	14.7	28.5	28.7	57.2
1983 -									
Jan.	23.5	18.6	42.1	5.5	9.2	14.7	29.0	27.8	56.8
Feb.	22.6	18.9	41.5	5.3	8.3	13.6	27.8	27.2	55.0
Mar.	21.1	17.9	39.0	4.6	7.9	12.5	25.7	25.8	51.5
Apr.	21.7	17.3	39.0	6.1	9.1	15.2	27.8	26.4	54.2
May	21.3	18.0	39.3	5.8	8.0	13.8	27.0	26.1	53.1
June	19.2	15.2	34.4	6.0	8.6	14.7	25.2	23.8	49.0
July	18.9	15.0	33.9	5.6	8.7	14.4	24.5	23.8	48.3
Aug.	19.5	15.3	34.8	4.6	9.1	13.8	24.2	24.4	48.5
20-24 YEARS									
1982 -									
July	44.3	27.1	71.4	3.9	7.8	11.7	48.2	34.9	83.1
Aug.	43.6	28.4	72.0	3.0	6.7	9.7	46.6	35.1	81.7
Sept.	45.9	27.7	73.6	2.7	7.1	9.8	48.6	34.8	83.4
Oct.	44.6	28.6	73.2	3.2	5.4	8.6	47.8	34.0	81.8
Nov.	43.5	28.2	71.7	3.3	8.0	11.2	46.7	36.2	82.9
Dec.	43.8	27.6	71.4	3.1	7.7	10.8	46.9	35.3	82.2
1983 -									
Jan.	41.7	27.9	69.7	3.1	7.4	10.5	44.8	35.3	80.2
Feb.	43.9	30.2	74.1	2.7	7.2	9.9	46.6	37.3	83.9
Mar.	42.8	28.6	71.4	*	7.0	9.2	45.0	35.7	80.6
Apr.	43.4	27.4	70.8	*	7.2	9.2	45.4	34.6	80.0
May	41.6	27.4	69.0	3.0	7.8	10.7	44.6	35.2	79.8
June	42.2	28.4	70.6	2.7	7.3	10.0	44.9	35.7	80.6
July	40.2	29.0	69.2	2.9	6.4	9.3	43.1	35.4	78.5
Aug.	41.1	27.8	68.9	2.5	6.7	9.2	43.7	34.5	78.1

TABLE 6 - EMPLOYED PERSONS : FULL-TIME AND PART-TIME STATUS, AGE GROUP, SOUTH AUSTRALIA (continued)
('000)

Month	Full-time			Part-time			Total		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
25-34 YEARS									
1982 -									
July	90.8	29.8	120.6	3.0	20.7	23.6	93.8	50.5	144.3
Aug.	91.1	30.2	121.3	*	19.5	22.0	93.6	49.8	143.4
Sept.	91.2	30.6	121.9	2.9	20.1	23.0	94.1	50.8	144.9
Oct.	91.7	28.8	120.6	3.0	23.6	26.6	94.7	52.4	147.2
Nov.	90.5	27.6	118.1	3.4	23.2	26.6	93.8	50.8	144.7
Dec.	91.1	27.0	118.0	3.8	23.6	27.4	94.9	50.6	145.5
1983 -									
Jan.	89.3	27.0	116.3	3.2	18.8	22.1	92.6	45.8	138.4
Feb.	90.7	27.1	117.7	3.8	22.5	26.2	94.4	49.5	143.9
Mar.	91.2	27.5	118.7	3.9	24.6	28.5	95.1	52.1	147.2
Apr.	90.2	27.9	118.2	3.3	22.2	25.5	93.5	50.2	143.7
May	90.2	28.2	118.5	3.7	23.4	27.1	93.9	51.6	145.6
June	89.7	29.0	118.7	2.7	21.9	24.7	92.4	51.0	143.4
July	90.0	28.5	118.5	3.2	22.6	25.8	93.2	51.1	144.3
Aug.	90.7	28.6	119.4	2.6	23.5	26.1	93.3	52.2	145.5
35 YEARS & OVER									
1982 -									
July	167.5	47.2	214.7	7.9	45.7	53.5	175.4	92.9	268.3
Aug.	166.4	45.8	212.2	9.2	47.2	56.4	175.7	92.9	268.6
Sept.	169.3	48.5	217.8	8.2	44.7	52.8	177.5	93.1	270.6
Oct.	173.0	45.1	218.1	11.9	51.1	63.0	184.9	96.3	281.2
Nov.	171.0	45.0	216.0	11.2	51.0	62.2	182.2	96.0	278.2
Dec.	171.3	44.5	215.8	10.6	47.8	58.4	181.9	92.3	274.2
1983 -									
Jan.	166.8	42.1	208.9	9.4	40.8	50.2	176.2	82.9	259.1
Feb.	166.9	42.9	209.8	10.6	46.8	57.4	177.5	89.7	267.2
Mar.	168.6	43.7	212.3	11.1	49.2	60.3	179.7	92.9	272.6
Apr.	167.0	40.3	207.2	9.3	47.2	56.5	176.3	87.4	263.7
May	168.8	41.6	210.4	8.8	46.1	54.9	177.5	87.7	265.3
June	170.8	41.1	211.9	8.5	46.0	54.5	179.2	87.1	266.4
July	169.6	42.3	211.9	8.3	45.7	54.0	177.9	88.0	265.9
Aug.	168.5	43.2	211.7	8.0	46.2	54.2	176.5	89.4	265.9

TABLE 7 - EMPLOYED PERSONS : OCCUPATION GROUP, SOUTH AUSTRALIA
('000)

Month	Professional, technical & related workers	Administrative, executive & managerial	Clerical	Sales	Farmers, fishermen & timbergetters etc.	Transport & communication	Tradesmen, production- process workers & labourers n.e.c.	Service sport & recreation	Total (a)
MALES									
1982 -									
May	43.1	27.9	27.4	24.2	37.8	24.4	145.2	19.2	350.9
Aug.	44.4	29.4	25.9	24.4	36.4	22.7	139.9	19.0	344.7
Nov.	42.5	28.4	30.6	23.8	42.4	25.7	136.5	19.6	350.5
1983 -									
Feb.	43.3	26.6	29.0	21.5	40.6	25.2	139.0	19.3	346.4
May	42.5	26.3	26.9	21.7	39.5	27.8	137.0	19.7	343.1
Aug.	44.7	26.5	26.8	21.9	37.5	22.8	139.0	17.5	337.6
FEMALES									
1982 -									
May	41.1	3.2	64.5	27.6	10.9	4.4	19.0	39.1	209.8
Aug.	41.6	4.1	61.1	25.3	11.6	4.0	19.8	36.7	204.4
Nov.	40.5	4.2	60.7	28.4	12.8	3.8	19.5	40.1	209.9
1983 -									
Feb.	40.5	3.6	58.9	27.5	12.8	2.8	18.6	39.0	203.7
May	41.7	4.1	61.7	24.1	10.2	3.4	17.5	38.0	200.6
Aug.	41.9	4.6	59.7	23.4	11.2	3.6	20.3	35.8	200.4
PERSONS									
1982 -									
May	84.2	31.0	91.9	51.8	48.8	28.8	164.2	58.3	560.7
Aug.	86.0	33.6	87.0	49.7	48.0	26.8	159.8	55.7	549.2
Nov.	83.0	32.6	91.3	52.1	55.1	29.5	155.9	59.7	560.5
1983 -									
Feb.	83.9	30.2	87.9	48.9	53.4	28.0	157.6	58.3	550.1
May	84.2	30.3	88.6	45.8	49.7	31.2	154.5	57.7	543.7
Aug.	86.6	31.1	86.6	45.3	48.7	26.4	159.3	53.3	538.1

(a) Includes miners and quarrymen and related workers.

TABLE 8 - EMPLOYED PERSONS : INDUSTRY, SOUTH AUSTRALIA
('000)

Month	Agriculture & services to agriculture	Manufacturing	Construction	Wholesale & retail trade	Transport & storage	Finance, property & business services	Community services (a)	Recreation, personal and other services	Other industries (b)	Total
MALES										
1982 -										
May	32.3	92.7	29.8	63.6	24.8	24.1	35.1	14.4	34.1	350.9
Aug.	31.0	88.6	26.4	61.8	23.6	25.1	37.8	12.8	37.5	344.7
Nov.	35.4	80.8	27.7	62.9	23.4	23.9	38.4	14.2	43.9	350.5
1983 -										
Feb.	32.7	82.6	28.7	61.3	22.1	21.5	38.4	14.5	44.7	346.4
May	32.9	78.0	29.7	63.1	23.1	22.6	39.3	13.0	41.5	343.1
Aug.	31.8	85.2	28.2	60.2	21.4	22.7	37.7	11.8	38.6	337.6
FEMALES										
1982 -										
May	10.4	24.4	2.8	50.4	2.9	18.7	69.5	19.8	10.9	209.8
Aug.	11.3	25.0	3.3	46.5	3.3	18.1	69.2	17.6	10.1	204.4
Nov.	12.3	24.6	3.7	50.1	3.7	17.8	67.2	19.6	11.0	209.9
1983 -										
Feb.	12.6	22.5	3.9	48.4	4.3	16.7	66.4	18.7	10.1	203.7
May	10.1	21.9	3.3	49.7	3.7	16.3	68.9	16.9	9.7	200.6
Aug.	11.1	22.2	3.5	45.9	3.5	18.4	70.1	17.0	8.8	200.4
PERSONS										
1982 -										
May	42.8	117.0	32.5	114.1	27.7	42.9	104.6	34.2	44.9	560.7
Aug.	42.3	113.6	29.7	108.3	27.0	43.2	107.0	30.4	47.5	549.2
Nov.	47.7	105.4	31.4	113.0	27.1	41.6	105.7	33.8	54.8	560.5
1983 -										
Feb.	45.3	105.1	32.6	109.7	26.4	38.2	104.8	33.3	54.8	550.1
May	43.0	99.9	32.9	112.8	26.9	38.9	108.3	29.8	51.3	543.7
Aug.	42.9	107.4	31.7	106.1	24.8	41.1	107.9	28.8	47.4	538.1

(a) Comprises health; education, libraries etc.; welfare and religious institutions; other community services.

(b) Comprises mining; forestry, fishing and hunting; electricity, gas and water; communication; public administration and defence.

TABLE 9 - EMPLOYED PERSONS : INDUSTRY, AVERAGE WEEKLY HOURS WORKED, SOUTH AUSTRALIA
(Hours)

Month	Agriculture & services to agriculture	Manufacturing	Construction	Wholesale & retail trade	Transport & storage	Finance, property & business services	Community services (a)	Recreation, personal and other services	Other industries (b)	Total
MALES										
1982 -										
May	52.7	38.9	40.6	41.0	38.7	37.9	39.4	40.8	36.7	40.5
Aug.	44.9	38.2	40.0	40.0	38.9	39.8	38.4	39.6	36.0	39.3
Nov.	53.0	37.1	40.5	40.9	40.1	39.8	38.0	39.8	35.2	40.0
1983 -										
Feb.	40.4	34.7	35.5	37.9	36.7	34.8	34.4	38.4	34.5	36.1
May	55.4	37.5	38.7	41.7	39.9	36.9	38.7	34.9	36.1	40.1
Aug.	47.4	38.4	39.3	40.6	38.8	38.7	41.3	36.1	37.4	39.9
FEMALES										
1982 -										
May	25.8	33.9	17.4	28.4	26.6	27.5	28.7	24.9	32.0	28.6
Aug.	25.4	32.3	23.2	28.4	25.8	27.2	28.6	25.5	32.4	28.5
Nov.	28.7	32.2	21.2	28.1	28.2	28.6	29.0	24.8	29.6	28.6
1983 -										
Feb.	24.5	29.2	17.1	25.9	27.9	25.3	25.6	24.5	27.1	25.8
May	28.1	31.7	20.3	28.9	33.2	28.2	28.3	24.1	30.9	28.5
Aug.	27.5	34.2	19.6	27.8	28.1	28.3	29.6	24.6	33.6	29.0
PERSONS										
1982 -										
May	46.1	37.9	38.6	35.4	37.4	33.4	32.3	31.6	35.6	36.1
Aug.	39.7	36.9	38.2	35.0	37.3	34.5	32.1	31.5	35.2	35.3
Nov.	46.7	36.0	38.2	35.3	38.5	35.0	32.3	31.1	34.1	35.7
1983 -										
Feb.	36.0	33.6	33.3	32.6	35.2	30.6	28.8	30.6	33.1	32.3
May	49.0	36.3	36.9	36.0	38.9	33.2	32.1	28.8	35.1	35.8
Aug.	42.3	37.5	37.1	35.0	37.4	34.0	33.7	29.3	36.7	35.8

(a) Comprises health; education, libraries etc.; welfare and religious institutions; other community services.

(b) Comprises mining; forestry, fishing and hunting; electricity, gas and water; communication; public administration and defence.

TABLE 10 - UNEMPLOYED PERSONS : AGE GROUP, SOUTH AUSTRALIA

Month	Unemployed (age group)					Unemployment rate (age group)				
	15-19	20-24	25-34	35 & over	Total	15-19	20-24	25-34	35 & over	Total
	'000	'000	'000	'000	'000	per cent	per cent	per cent	per cent	per cent
MALES										
1982 -										
July	8.0	5.2	6.3	7.0	26.7	20.7	9.8	6.3	3.9	7.1
Aug.	8.4	6.4	6.3	7.8	28.8	22.4	12.1	6.3	4.2	7.7
Sept.	9.1	5.9	7.3	7.9	30.3	23.9	10.8	7.2	4.3	8.0
Oct.	8.3	7.5	6.9	7.8	30.5	23.5	13.5	6.8	4.0	7.9
Nov.	7.3	8.3	8.4	9.5	33.4	20.8	15.0	8.3	4.9	8.7
Dec.	10.9	8.9	8.4	10.3	38.5	27.6	15.9	8.1	5.4	9.8
1983 -										
Jan.	9.4	11.0	9.1	11.3	40.7	24.4	19.6	9.0	6.0	10.6
Feb.	11.0	9.3	8.8	12.9	42.0	28.3	16.7	8.5	6.8	10.8
Mar.	9.6	10.7	7.8	13.4	41.5	27.1	19.2	7.6	6.9	10.7
Apr.	8.8	9.4	8.4	13.5	40.1	24.1	17.1	8.3	7.1	10.5
May	8.8	11.2	8.2	13.7	41.9	24.6	20.0	8.0	7.2	10.9
June	9.2	9.9	9.9	13.8	42.9	26.8	18.1	9.7	7.2	11.2
July	8.8	10.6	9.3	12.8	41.5	26.3	19.8	9.1	6.7	10.9
Aug.	8.9	9.2	8.8	14.3	41.2	26.8	17.4	8.6	7.5	10.9
FEMALES										
1982 -										
July	7.8	3.9	4.3	3.2	19.2	22.3	10.0	7.9	3.3	8.6
Aug.	7.7	4.6	5.0	4.3	21.6	22.5	11.5	9.1	4.4	9.5
Sept.	9.3	4.4	3.8	4.0	21.4	26.4	11.2	6.9	4.1	9.5
Oct.	6.0	6.2	4.2	5.2	21.6	17.8	15.5	7.4	5.1	9.3
Nov.	7.2	4.6	4.6	3.8	20.3	21.2	11.3	8.4	3.8	8.8
Dec.	9.3	6.0	5.1	4.4	24.7	24.4	14.5	9.1	4.5	10.7
1983 -										
Jan.	11.2	5.9	4.9	3.6	25.5	28.7	14.3	9.6	4.1	11.7
Feb.	9.9	5.9	5.8	5.2	26.9	26.8	13.7	10.5	5.5	11.7
Mar.	9.7	5.9	7.0	4.3	26.9	27.3	14.3	11.8	4.4	11.5
Apr.	8.2	6.2	5.8	4.5	24.8	23.7	15.3	10.4	4.9	11.1
May	8.9	6.9	5.6	4.9	26.3	25.4	16.5	9.8	5.3	11.6
June	8.8	5.4	5.7	4.4	24.3	26.9	13.1	10.0	4.9	10.9
July	8.2	4.6	5.5	5.0	23.4	25.7	11.5	9.7	5.4	10.6
Aug.	7.3	5.8	5.3	4.5	22.9	23.0	14.4	9.2	4.8	10.2
PERSONS										
1982 -										
July	15.9	9.1	10.6	10.2	45.9	21.5	9.9	6.9	3.7	7.7
Aug.	16.1	11.0	11.3	12.0	50.4	22.5	11.9	7.3	4.3	8.4
Sept.	18.4	10.3	11.1	11.9	51.7	25.1	11.0	7.1	4.2	8.5
Oct.	14.3	13.7	11.1	12.9	52.0	20.7	14.4	7.0	4.4	8.4
Nov.	14.5	12.9	13.1	13.3	53.7	21.0	13.4	8.3	4.6	8.7
Dec.	20.2	14.8	13.5	14.7	63.2	26.0	15.3	8.5	5.1	10.2
1983 -										
Jan.	20.5	16.8	14.0	14.8	66.2	26.6	17.4	9.2	5.4	11.0
Feb.	20.9	15.3	14.6	18.1	68.9	27.5	15.4	9.2	6.4	11.1
Mar.	19.3	16.6	14.8	17.7	68.4	27.2	17.1	9.1	6.1	11.0
Apr.	17.0	15.6	14.3	18.0	64.9	23.9	16.3	9.0	6.4	10.7
May	17.7	18.1	13.8	18.6	68.2	25.0	18.5	8.7	6.6	11.1
June	18.0	15.3	15.6	18.3	67.2	26.9	16.0	9.8	6.4	11.1
July	17.0	15.3	14.8	17.8	64.9	26.0	16.3	9.3	6.3	10.8
Aug.	16.1	15.0	14.1	18.8	64.1	25.0	16.1	8.8	6.6	10.6

TABLE 11 - UNEMPLOYED PERSONS : BIRTHPLACE, NUMBER AND RATE, SOUTH AUSTRALIA

Month	Unemployed			Unemployment rate (a)		
	Males	Females	Persons	Males	Females	Persons
	'000	'000	'000	per cent	per cent	per cent
BORN OUTSIDE AUSTRALIA						
1982 -						
July	10.0	5.4	15.4	9.3	8.9	9.1
Aug.	10.4	6.1	16.5	9.7	10.2	9.9
Sept.	10.8	6.2	17.0	10.0	10.2	10.1
Oct.	11.4	7.1	18.5	10.2	11.3	10.6
Nov.	13.3	7.7	21.0	11.8	12.0	11.9
Dec.	13.7	8.1	21.8	12.2	13.2	12.5
1983 -						
Jan.	14.8	7.5	22.3	13.5	13.3	13.4
Feb.	15.6	7.5	23.1	14.0	13.3	13.8
Mar.	15.9	7.8	23.7	14.3	13.3	13.9
Apr.	15.6	7.9	23.5	14.1	14.1	14.1
May	15.9	7.4	23.3	13.9	12.6	13.5
June	17.1	7.0	24.1	15.3	12.4	14.3
July	15.0	6.1	21.0	13.5	10.4	12.4
Aug.	15.6	6.8	22.4	14.0	11.1	13.0
BORN IN AUSTRALIA						
1982 -						
July	16.6	13.8	30.5	6.2	8.4	7.1
Aug.	18.4	15.5	33.9	6.9	9.3	7.8
Sept.	19.4	15.2	34.7	7.1	9.2	7.9
Oct.	19.0	14.5	33.5	7.0	8.6	7.6
Nov.	20.2	12.6	32.7	7.4	7.6	7.5
Dec.	24.7	16.7	41.4	8.9	9.8	9.2
1983 -						
Jan.	26.0	18.0	44.0	9.5	11.2	10.1
Feb.	26.4	19.4	45.8	9.5	11.1	10.2
Mar.	25.6	19.1	44.7	9.3	10.9	9.9
Apr.	24.5	16.9	41.4	9.0	10.1	9.4
May	26.0	18.9	44.9	9.6	11.2	10.2
June	25.8	17.3	43.1	9.5	10.4	9.8
July	26.5	17.3	43.8	9.8	10.6	10.1
Aug.	25.6	16.0	41.7	9.6	9.9	9.7

(a) The unemployment rate for any group is the number unemployed as a percentage of the labour force (i.e. employed plus unemployed) in the same group.

TABLE 12 - UNEMPLOYED PERSONS : DURATION OF UNEMPLOYMENT, SOUTH AUSTRALIA

TABLE 12 - UNEMPLOYED PERSONS - DURATION OF UNEMPLOYMENT, SOUTH AUSTRALIA								Average (mean)
Month	Number unemployed ('000)						Total	duration of unemployment (weeks)
	Under 4 weeks	4 & under 8 weeks	8 & under 13 weeks	13 & under 26 weeks	26 & under 39 weeks	39 weeks & over		
MALES								
1982 -								
July	3.4	3.5	2.8	4.5	3.8	8.7	26.7	42.0
Aug.	4.0	4.2	*	4.7	4.4	9.1	28.8	43.4
Sept.	4.7	*	4.1	4.9	4.2	10.3	30.3	43.5
Oct.	2.8	3.5	3.3	4.2	3.6	12.9	30.5	53.6
Nov.	5.6	4.5	3.4	4.1	2.9	13.0	33.4	48.5
Dec.	5.6	5.1	4.8	4.8	2.8	15.3	38.5	48.9
1983 -								
Jan.	5.3	6.3	5.1	6.3	3.6	14.1	40.7	44.3
Feb.	4.8	4.6	7.3	8.2	3.8	13.3	42.0	43.4
Mar.	3.5	5.3	5.4	8.1	4.5	14.7	41.5	46.8
Apr.	3.7	3.5	3.7	9.4	6.3	13.5	40.1	44.5
May	3.7	2.9	4.4	8.6	7.4	14.9	41.9	46.9
June	2.8	4.2	3.9	8.7	6.4	16.9	42.9	47.4
July	4.9	*	3.6	7.3	7.2	16.3	41.5	47.7
Aug.	2.9	2.7	2.8	8.6	5.3	18.9	41.2	54.4
FEMALES								
1982 -								
July	3.6	*	*	2.5	3.7	5.5	19.2	36.3
Aug.	4.3	2.8	*	2.6	3.9	5.6	21.6	34.9
Sept.	3.3	2.7	*	4.0	3.9	6.1	21.4	35.6
Oct.	3.7	3.0	*	3.1	3.2	6.5	21.6	36.3
Nov.	3.0	*	3.2	3.3	*	6.5	20.3	33.3
Dec.	5.0	3.5	2.8	3.7	2.6	7.1	24.7	34.5
1983 -								
Jan.	5.4	4.6	2.8	3.1	3.6	6.2	25.5	27.7
Feb.	4.4	3.7	4.2	3.0	2.7	8.9	26.9	33.2
Mar.	5.5	2.7	4.2	4.9	2.9	6.7	26.9	29.2
Apr.	4.5	3.1	3.3	4.7	3.1	6.0	24.8	32.1
May	3.4	2.6	2.9	6.0	3.1	8.2	26.3	36.9
June	4.3	2.9	*	4.9	*	7.5	24.3	37.6
July	3.6	3.3	*	3.3	4.1	7.3	23.4	42.1
Aug.	2.9	2.9	3.2	2.8	3.7	7.4	22.9	47.3
PERSONS								
1982 -								
July	6.9	5.5	4.7	7.1	7.5	14.1	45.9	39.6
Aug.	8.4	7.0	4.8	7.3	8.3	14.7	50.4	39.8
Sept.	8.0	4.9	5.6	8.9	8.0	16.3	51.7	40.3
Oct.	6.5	6.5	5.4	7.4	6.8	19.4	52.0	46.5
Nov.	8.6	6.6	6.5	7.4	5.2	19.4	53.7	42.7
Dec.	10.6	8.6	7.7	8.5	5.4	22.4	63.2	43.2
1983 -								
Jan.	10.6	10.9	7.9	9.4	7.2	20.3	66.2	38.0
Feb.	9.2	8.2	11.5	11.2	6.5	22.3	68.9	39.4
Mar.	9.1	7.9	9.6	13.0	7.4	21.4	68.4	39.9
Apr.	8.2	6.6	6.9	14.2	9.4	19.5	64.9	39.8
May	7.1	5.6	7.3	14.6	10.5	23.0	68.2	43.1
June	7.1	7.1	6.2	13.6	8.8	24.4	67.2	43.9
July	8.5	5.4	5.4	10.6	11.3	23.6	64.9	45.7
Aug.	5.8	5.6	6.0	11.4	8.9	26.4	64.1	51.8

TECHNICAL NOTES

For more information on sample design, estimation procedure and reliability of the estimates, for current and earlier surveys, reference should be made to the Technical Notes in The Labour Force, Australia, 1978 (6204.0) and The Labour Force, Australia, (6203.0).

ESTIMATION PROCEDURE

2. The labour force estimates are derived from the population survey by use of a complex ratio estimation procedure, which ensures that the survey estimates conform to an independently estimated distribution of the population by age and sex, rather than to the age and sex distribution within the sample itself.

RELIABILITY OF THE ESTIMATES

3. Standard errors of estimates of levels and of monthly movements are shown in the tables below. The standard error of the movement is read against the size of the larger of the two estimates, appearing in the first column of Table B, from which the movement is derived. The standard errors of quarterly movements spanning September/October 1982, and of all annual movements, are the same as those shown in the second column. Standard errors on quarterly movements not spanning September/October 1982 are those shown in the third column multiplied by 1.4. (See paragraph 23 of the Explanatory Notes).

TABLE A - STANDARD ERRORS OF ESTIMATES OF LEVELS, SOUTH AUSTRALIA

Size of estimate	Standard error	Relative standard error
persons	persons	per cent of estimate
2,500	510	20.4
3,000	550	18.3
3,500	590	16.9
4,000	620	15.5
4,500	650	14.4
5,000	680	13.6
6,000	730	12.2
10,000	900	9.0
20,000	1,200	6.0
50,000	1,600	3.2
100,000	2,100	2.1
200,000	2,600	1.3
300,000	2,900	1.0
500,000	3,300	0.7
600,000	3,500	0.6

TABLE B - STANDARD ERRORS OF ESTIMATES OF MONTHLY MOVEMENTS, SOUTH AUSTRALIA

Size of larger estimate persons	Standard error	
	September/ October 1982 persons	Other months persons
2,500	720	490
3,000	780	520
3,500	830	540
4,000	880	570
4,500	920	590
5,000	960	610
6,000	1,000	650
10,000	1,300	760
20,000	1,700	930
50,000	2,300	1,200
100,000	2,900	1,400
200,000	3,600	1,700
300,000	4,100	1,900
500,000	4,700	2,100
600,000	4,900	2,200

4. As the standard errors in Table A show, the smaller the estimate the higher is the relative standard error. Very small estimates are subject to such high relative standard errors as to detract seriously from their value for most reasonable uses. Estimates below 2,500, and percentages based on such estimates, have not been included in this publication. Although figures for these small components can in some cases be derived by subtraction, they should not be regarded as reliable. See paragraphs 7 and 8 concerning a higher cut-off point for some estimates.

5. Examples of the calculations and use of standard errors are given below:

- (i) From Table A it will be seen that the estimate of 337,600 employed males in August 1983 has a standard error of about 3,000, and therefore there are about two chances in three that the value that would have been produced if all dwellings had been included in the survey will fall within the range 334,600 to 340,600 and about nineteen chances in twenty that the value will fall within the range 331,600 to 343,600.
- (ii) The estimate of movement in the number of employed males from July to August 1983 is -1,100. Table B relates the standard error of the monthly movement to the larger of the two estimates from which the movement is derived. In this case the July 1983 estimate (338,700) is the larger. From Table B it will be seen that the standard error of the monthly movement is about 1,900. Therefore there are about two chances in three that if all dwellings had been included in the survey the movement would have been within the range -3,000 to +800 and about nineteen chances in twenty that it would have been within the range -4,900 to +2,700.

6. It must be remembered that there is no justification for saying that the 'true' estimate is more likely to be at any one point in the range than at any other.

7. The relative standard errors of estimates of average hours worked and average duration of unemployment are obtained by first finding the relative standard error of the estimate of the total number of persons contributing to the estimate (see Table A) and then multiplying the figure so obtained by the following relevant factors:

average hours worked : 0.5
average duration of unemployment : 1.5

8. Because of their higher relative standard errors, estimates of average duration of unemployment have a higher cut-off point for publication than other estimates as shown in Table A.